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Val Gln Ala Gly Ile Phe Val Glu Arg Met Phe Arg Arg Thr Tyr Thr
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Thr Lys Ala Leu Met Glu Glu Phe Phe Arg Gln Gly Asp Lys Glu Ala
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PC10350B.ST25.txt

Gln Thr Arg Ser Asp Val Ala Ile Leu Tyr Asn Asp Arg Ser Val Leu
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Glu Asn His His Val Ser Ala Ala Tyr Arg Leu Met Gln Glu Glu Glu
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Met Asn Ile Leu Ile Asn Leu Ser Lys Asp Asp Trp Arg Asp Leu Arg
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Asn Leu Val Ile Glu Met Val Leu Ser Thr Asp Met Ser Gly His Phe
325 330 335

Gln Gln Ile Lys Asn Ile Arg Asn Ser Leu Gln Gln Pro Glu Gly Ile
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Asp Arg Ala Lys Thr Met Ser Leu Ile Leu His Ala Ala Asp Ile Ser
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His Pro Ala Lys Ser Trp Lys Leu His Tyr Arg Trp Thr Met Ala Leu
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Met Glu Glu Phe Phe Leu Gln Gly Asp Lys Glu Ala Glu Leu Gly Leu
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Pro Phe Ser Pro Leu Cys Asp Arg Lys Ser Thr Met Val Ala Gln Ser
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Gln Ile Gly Phe Ile Asp Phe Ile Val Glu Pro Thr Phe Ser Leu Leu
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Thr Asp Ser Thr Glu Lys Ile Val Ile Pro Leu Ile Glu Glu Ala Ser
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Lys Ala Glu Thr Ser Ser Tyr Val Ala Ser Ser Ser Thr Thr Ile Val
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Gly Leu His Ile Ala Asp Ala Leu Arg Arg Ser Asn Thr Lys Gly Ser
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Met Ser Asp Gly Ser Tyr Ser Pro Asp Tyr Ser Leu Ala Ala Val Asp
485 490 495

Leu Lys Ser Phe Lys Asn Asn Leu Val Asp Ile Ile Gln Gln Asn Lys
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Glu Arg Trp Lys Glu Leu Ala Ala Gln Glu Ala Arg Thr Ser Ser Gln
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Lys Cys Glu Phe Ile His Gln
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Gly Leu Arg Lys Tyr Lys Lys Thr Ser Gln Arg Leu Arg Ser Leu Val
35 40 45

Lys Gln Leu Glu Arg Gly Glu Ala Ser Val Val Asp Leu Lys Lys Asn
50 55 60

Leu Glu Tyr Ala Ala Thr Val Leu Glu Ser Val Tyr Ile Asp Glu Thr
65 70 75 80

Arg Arg Leu Leu Asp Thr Glu Asp Glu Leu Ser Asp Ile Gln Ser Asp
85 90 95

Ala Val Pro Ser Glu Val Arg Asp Trp Leu Ala Ser Thr Phe Thr Arg
100 105 110

Gln Met Gly Met Met Leu Arg Arg Ser Asp Glu Lys Pro Arg Phe Lys
115 120 125

Ser Ile Val His Ala Val Gln Ala Gly Ile Phe Val Glu Arg Met Tyr
130 135 140

Arg Arg Thr Ser Asn Met Val Gly Leu Ser Tyr Pro Pro Ala Val Ile
145 150 155 160

Glu Ala Leu Lys Asp Val Asp Lys Trp Ser Phe Asp Val Phe Ser Leu
165 170 175

Asn Glu Ala Ser Gly Asp His Ala Leu Lys Phe Ile Phe Tyr Glu Leu
180 185 190

Leu Thr Arg Tyr Asp Leu Ile Ser Arg Phe Lys Ile Pro Ile Ser Ala
195 200 205

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Leu Val Ser Phe Val Glu Ala Leu Glu Val Gly Tyr Ser Lys His Lys
 210 215 220
 Asn Pro Tyr His Asn Leu Met His Ala Ala Asp Val Thr Gln Thr Val
 225 230 235 240
 His Tyr Leu Leu Tyr Lys Thr Gly Val Ala Asn Trp Leu Thr Glu Leu
 245 250 255
 Glu Ile Phe Ala Ile Ile Phe Ser Ala Ala Ile His Asp Tyr Glu His
 260 265 270
 Thr Gly Thr Thr Asn Asn Phe His Ile Gln Thr Arg Ser Asp Pro Ala
 275 280 285
 Ile Leu Tyr Asn Asp Arg Ser Val Leu Glu Asn His His Leu Ser Ala
 290 295 300
 Ala Tyr Arg Leu Leu Gln Asp Asp Glu Glu Met Asn Ile Leu Ile Asn
 305 310 315 320
 Leu Ser Lys Asp Asp Trp Arg Glu Phe Arg Thr Leu Val Ile Glu Met
 325 330 335
 Val Met Ala Thr Asp Met Ser Cys His Phe Gln Gln Ile Lys Ala Met
 340 345 350
 Lys Thr Ala Leu Gln Gln Pro Glu Ala Ile Glu Lys Pro Lys Ala Leu
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 Ser Leu Met Leu His Thr Ala Asp Ile Ser His Pro Ala Lys Ala Trp
 370 375 380
 Asp Leu His His Arg Trp Thr Met Ser Leu Leu Glu Glu Phe Phe Arg
 385 390 395 400
 Gln Gly Asp Arg Glu Ala Glu Leu Gly Leu Pro Phe Ser Pro Leu Cys
 405 410 415
 Asp Arg Lys Ser Thr Met Val Ala Gln Ser Gln Val Gly Phe Ile Asp
 420 425 430
 Phe Ile Val Glu Pro Thr Phe Thr Val Leu Thr Asp Met Thr Glu Lys
 435 440 445
 Ile Val Ser Pro Leu Ile Asp Glu Thr Ser Gln Thr Gly Gly Thr Gly
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450

455

Gln Arg Arg Ser Ser Leu Asn Ser Ile Ser Ser Ser Asp Ala Lys Arg
465 470 475 480

Ser Gly Val Lys Thr Ser Gly Ser Glu Gly Ser Ala Pro Ile Asn Asn
485 490 495

Ser Val Ile Ser Val Asp Tyr Lys Ser Phe Lys Ala Thr Trp Thr Glu
500 505 510

Val Val His Ile Asn Arg Glu Arg Trp Arg Ala Lys Val Pro Lys Glu
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Glu Lys Ala Lys Lys Glu Ala Glu Glu Lys Ala Arg Leu Ala Ala Glu
530 535 540

Glu Gln Gln Lys Glu Met Glu Ala Lys Ser Gln Ala Glu Glu Gly Ala
545 550 555 560

Ser Gly Lys Ala Glu Lys Lys Thr Ser Gly Glu Thr Lys Asn Gln Val
565 570 575

Asn Gly Thr Arg Ala Asn Lys Ser Asp Asn Pro Arg Gly Lys Asn Ser
580 585 590

Lys Ala Glu Lys Ser Ser Gly Glu Gln Gln Gln Asn Gly Asp Phe Lys
595 600 605

Asp Gly Lys Asn Lys Thr Asp Lys Lys Asp His Ser Asn Ile Gly Asn
610 615 620

Asp Ser Lys Lys Thr Asp Asp Ser Gln Glu
625 630